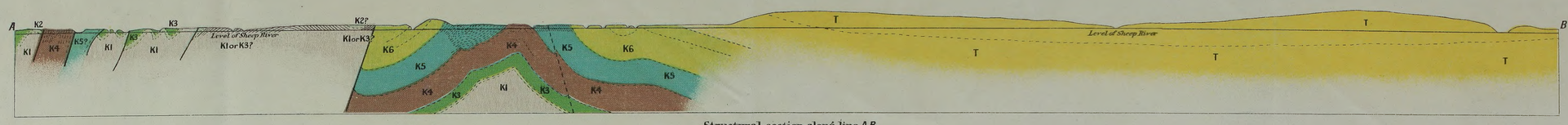
Canada
Department of Mines
HON. L. CODERRE, MINISTER, R.W. BROCK, DEPUTY MINISTER.

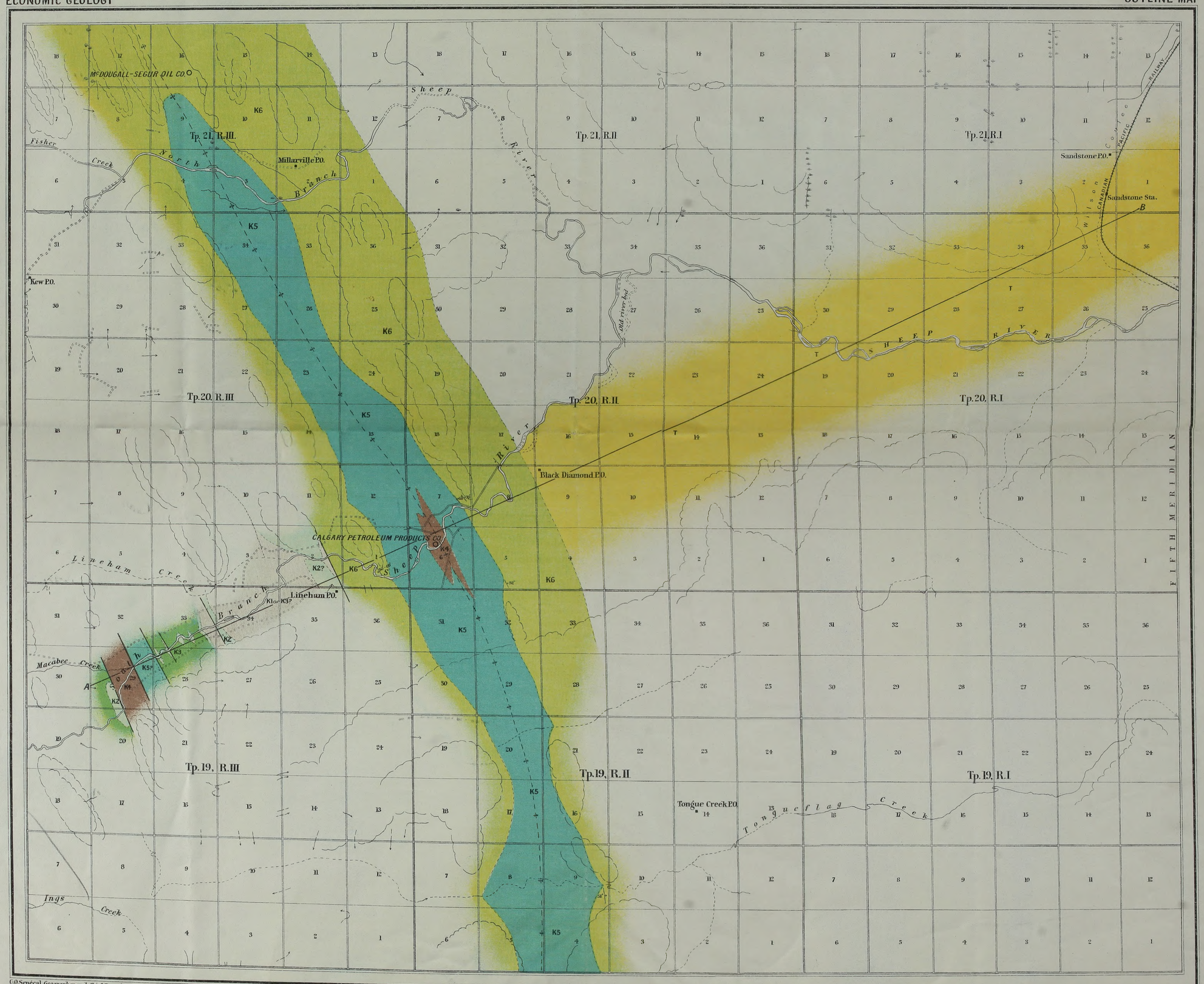
GEOLOGICAL SURVEY



Structural section along line *AB*.

ECONOMIC GEOLOGY

OUTLINE MAP



LEGEND

TERTIARY

- T — Paskapoo (yellow sandstones and light coloured clays)

CRETACEOUS

- K6 — Edmonton (light coloured sandstones, white, grey and greenish clays)
- K5 — Bearpaw (grey and brown shales, clay ironstone nodules)
- K4 — Belly River (sandstone and shale very similar to Edmonton)
- K3 — Claggett (shales with ironstone nodules, similar to Bearpaw)
- K2 — Carditum (sandstones with a few coarse grained layers in places almost conglomerate)
- K1 — Niobrara–Benton (shales representing the Niobrara–Benton Period, resemble the Bearpaw shales)

Symbols

- Geological boundary (approximate)
- Fault (position approximate)
- Anticlinal axis
- Dip and strike

C.O. Senécal, *Geographer and Chief Draughtsman.*

1335

MAP 114A
(Issued 1914)

SHEEP RIVER, ALBERTA

Scale of Miles

To accompany Memoir by D.B. Dowling.

Geology by D.B. Dowling 1913.

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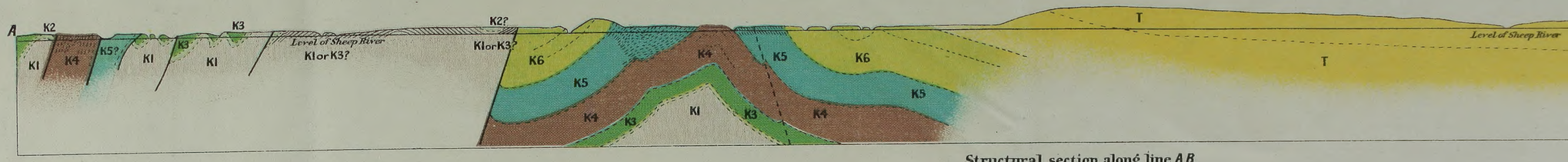
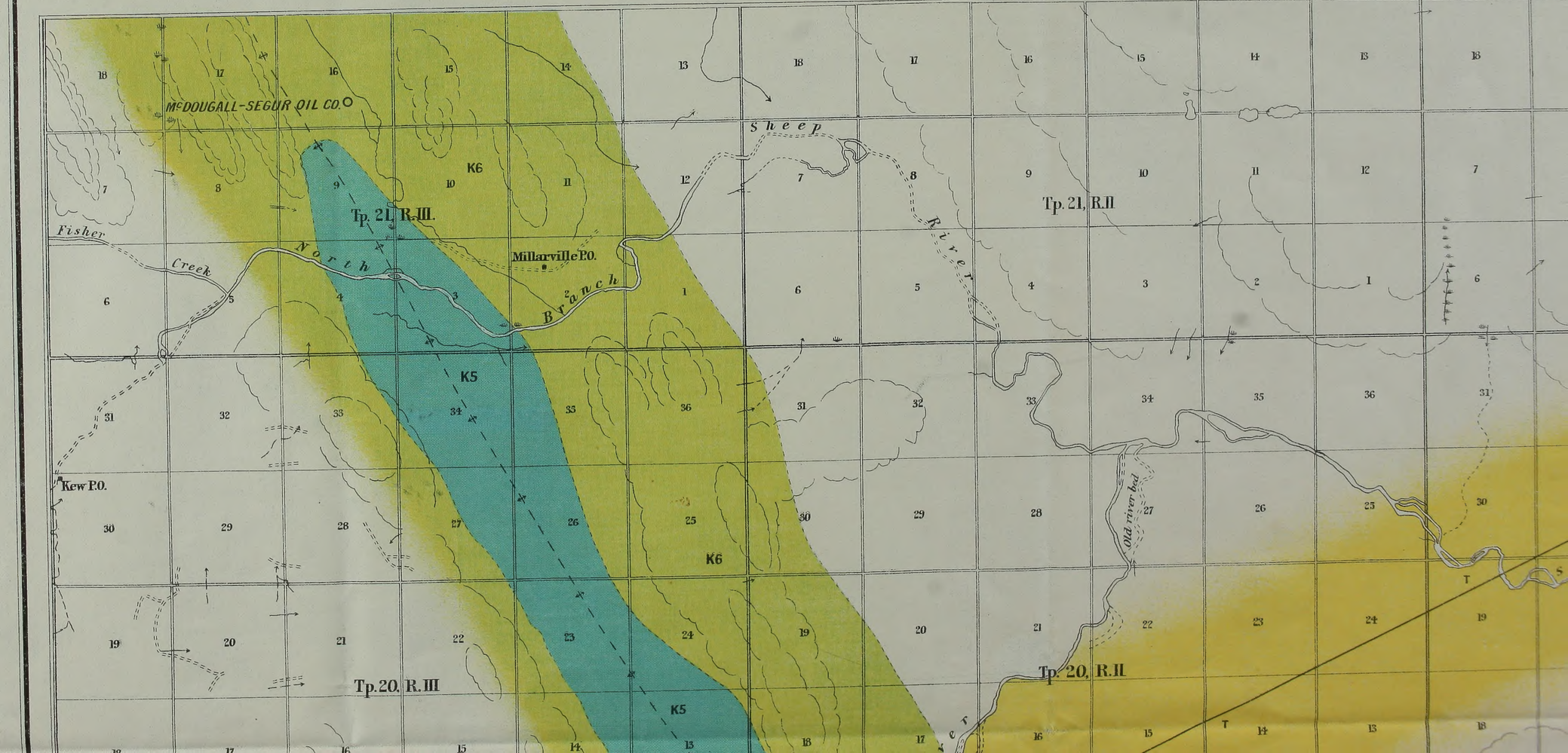
GEOLOGICAL SURVEY



Structural section along line *A B*.

ECONOMIC GEOLOGY


McDOUGALL-SEGUR OIL CO.
Tp. 21, R. III.
Tp. 21, R. II
Tp. 20, R. III
Tp. 20, R. II
Millarville P.O.
Kew P.O.
Fisher Creek
North Branch
Sheep River
old river bed
K6
K5
K5
K6
K5
K6
T
T
T

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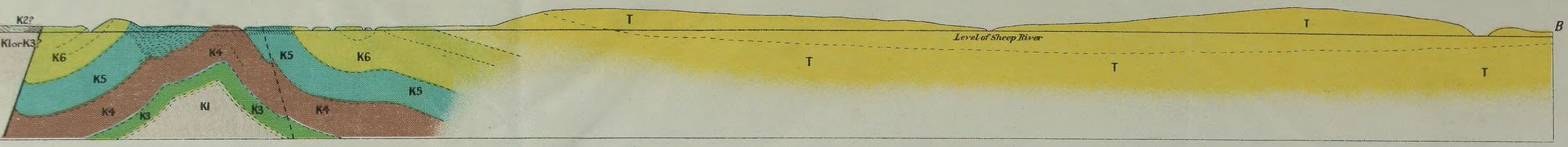
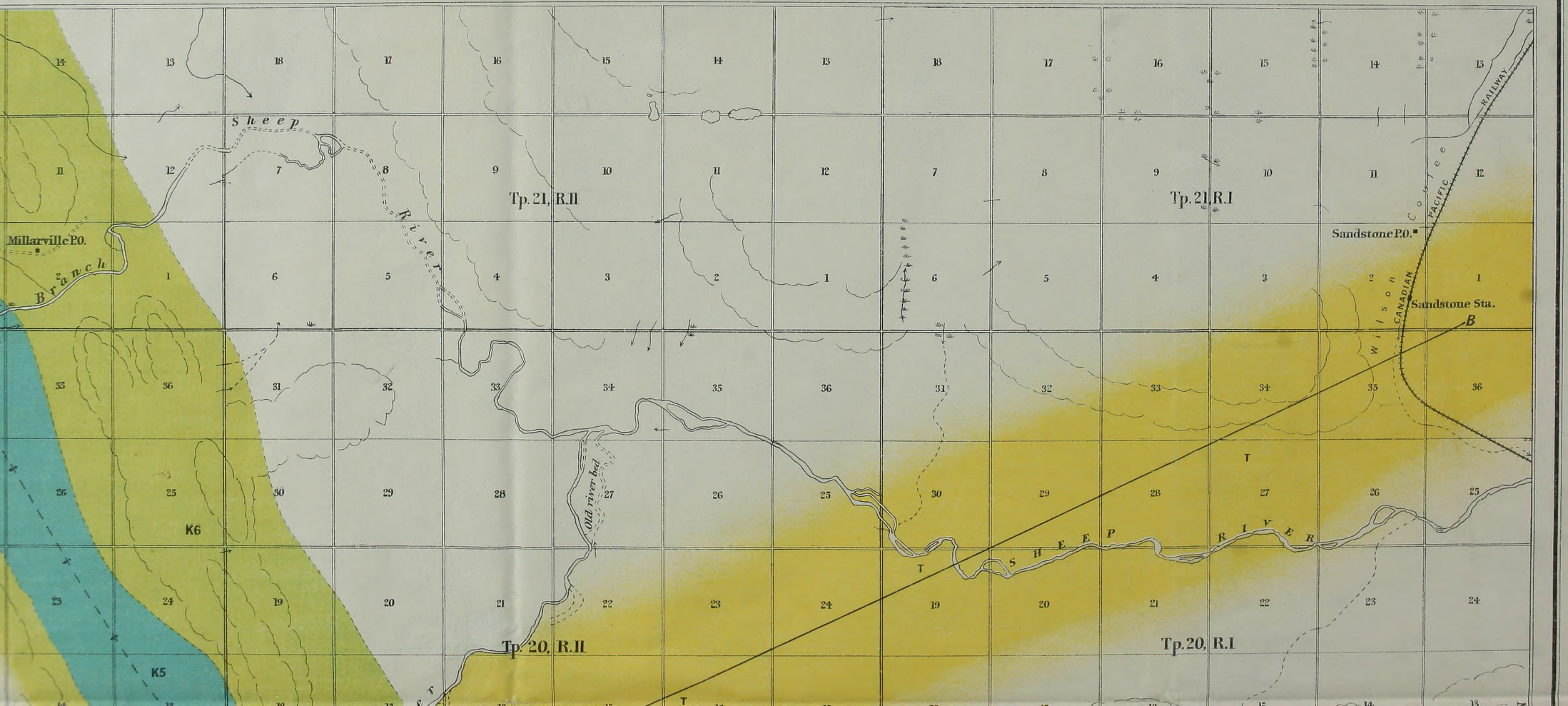
GEOLOGICAL SURVEY



Structural section along line A B.

OUTLINE MAP



Black Diamond P.O.

CALGARY PETROLEUM PRODUCTS CO.

Lineham P.O.

Tongue Creek P.O.

Sheep River

Tongueflag Creek

K2?
K3?
K4
K5
K6

Tp. 19, R. II

Tp. 19, R. I

FIFTH MERIDIAN

1335

MAP 114A
(Issued 1914)

SHEEP RIVER, ALBERTA

Scale of Miles

Geology by D. B. Dowling 1913.

CRETACEOUS

Belly River
(sandstones and shales very similar to Edmonton)

K3
Claggett
(shales with ironstone nodules, similar to Bearpaw)

K2
Cardium
(sandstones with a few coarse grained layers in places almost conglomerate)

K1
Niobrara–Benton
(shales representing the Niobrara–Benton Period, resemble the Bearpaw shales)

Symbols

Geological boundary
(approximate)

Fault
(position approximate)

Anticlinal axis

52° Dip and strike

Lineham Creek
Lineham P.O.
Branch
Macabee Creek
South Fork
A
Ings Creek
CALGARY PETROLEUM PRODUCTS CO.
Sheep River
Black Diamond P.O.
Tongue Creek P.O.
Tongue flag
Tp. 19, R. III
Tp. 19, R. II
K1 or K3?
K2?
K6
K5?
K4
K5

C.O. Senécal, *Geographer and Chief Draughtsman.*

MAP 114A
(Issued 1914)

SHEEP RIVER, ALBERTA

Scale of Miles

To accompany Memoir by D.B. Dowling.

Pub on 316

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From 723